

535

DART AEROSPACE LTD		Work Order:	23930
Description: Harness Assembly		Part Number:	D3215-043
Dwg: D3215 Rev. A C		Qty:	18 Kit(s)
Ref: RF 04.03.24		Page 1 of 1	

Step	Location	Procedure	By	Date	Qty
1	DC	Issue Traveler Dwg not required	AK	05/08/02	10
2	PG	Issue P/O: 2008416 to Tulmar Safety Systems D3215-043 as per Dwg D3215 Ship to Tulmar Qty Part Number Description Batch 2 D3215-3 Webbing Tidy B23872 2 D3216-1 Fitting B22544/B22600 1 D3216-3 Fitting B226014/B22601B/B20351 Certificate of Conformity is required	AK	05/08/04	10
3	RG	Receive and Inspect for transit damage Ensure Conformity certificate is attached	CL	05/08/04	10
4	QC6	Inspect dimensions as per Dwg D3215	ML	05/08/02	10
5	ST	Identify and Stock	CL	05/08/02	10
6	AC	Cost/Part 66.70	SR	05.08.02	10
7	DC	Close W/O 74.93 Inspect Level 21	DP	05/08/03	10

Rev	Date	Change	Revised By	Approved
A	03.10.28	New Issue	KJ/RF RF	TH

RELEASED

04.01.08

RCFO.31
05/08/03
05/08/03

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial Design Mgr	Action Description Design Mgr	Sign & Date			

Part No: _____

PAR #: _____

Fault Category: _____

NCR: Yes No DQA: 

Date: 05/08/23

NOTE: Date & initial all entries

QA: N/C Closed: _____

Date: _____



A circular stamp with the words "COPY ISSUED" printed in a clockwise circular pattern.

DESIGN <i>CP</i>	DRAWN BY <i>CP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CHECKED <i>CP</i>	APPROVED <i>CP</i>	DRAWING NO. D3215	REV. C SHEET 1 OF 3	
DATE 04.03.05		TITLE BELT ASSEMBLY	SCALE NTS	
A	03.09.19	NEW ISSUE		
B	04.01.12	AS MANUFACTURED; ADD TOLERANCE		
C	04.03.05	REDUCE LENGTH; CLARIFY STITCHING		

RELEASED
04.03.08

04.03.08 ~~11~~ COPY

RETURN TO
ENGINEERING

UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WORK ORDER
NO. 23930

D3216-1
(REF)

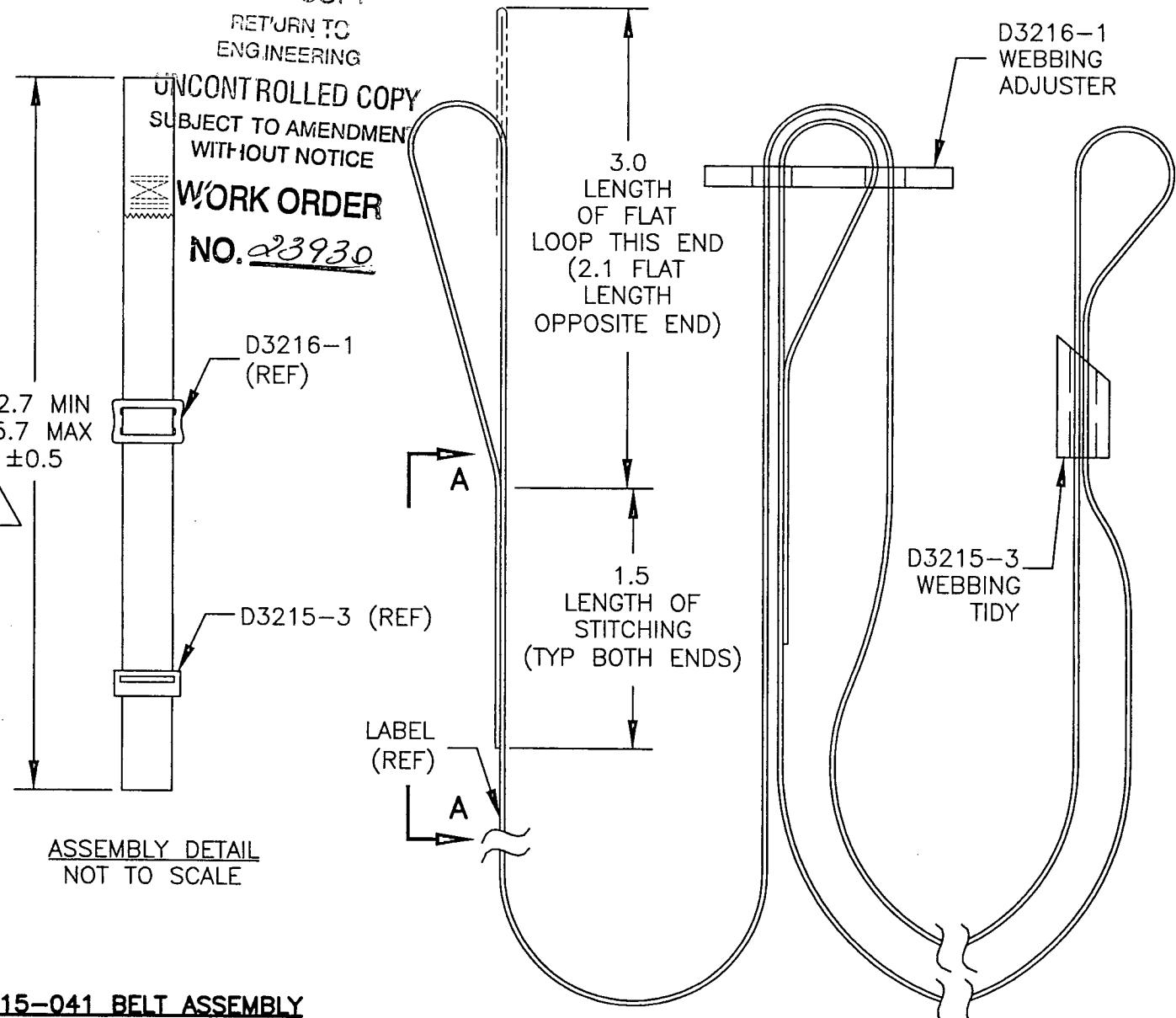
22.7 MIN
35.7 MAX
±0.5



D3215-3 (REF)

LABEL
(REF)

ASSEMBLY DETAIL
NOT TO SCALE

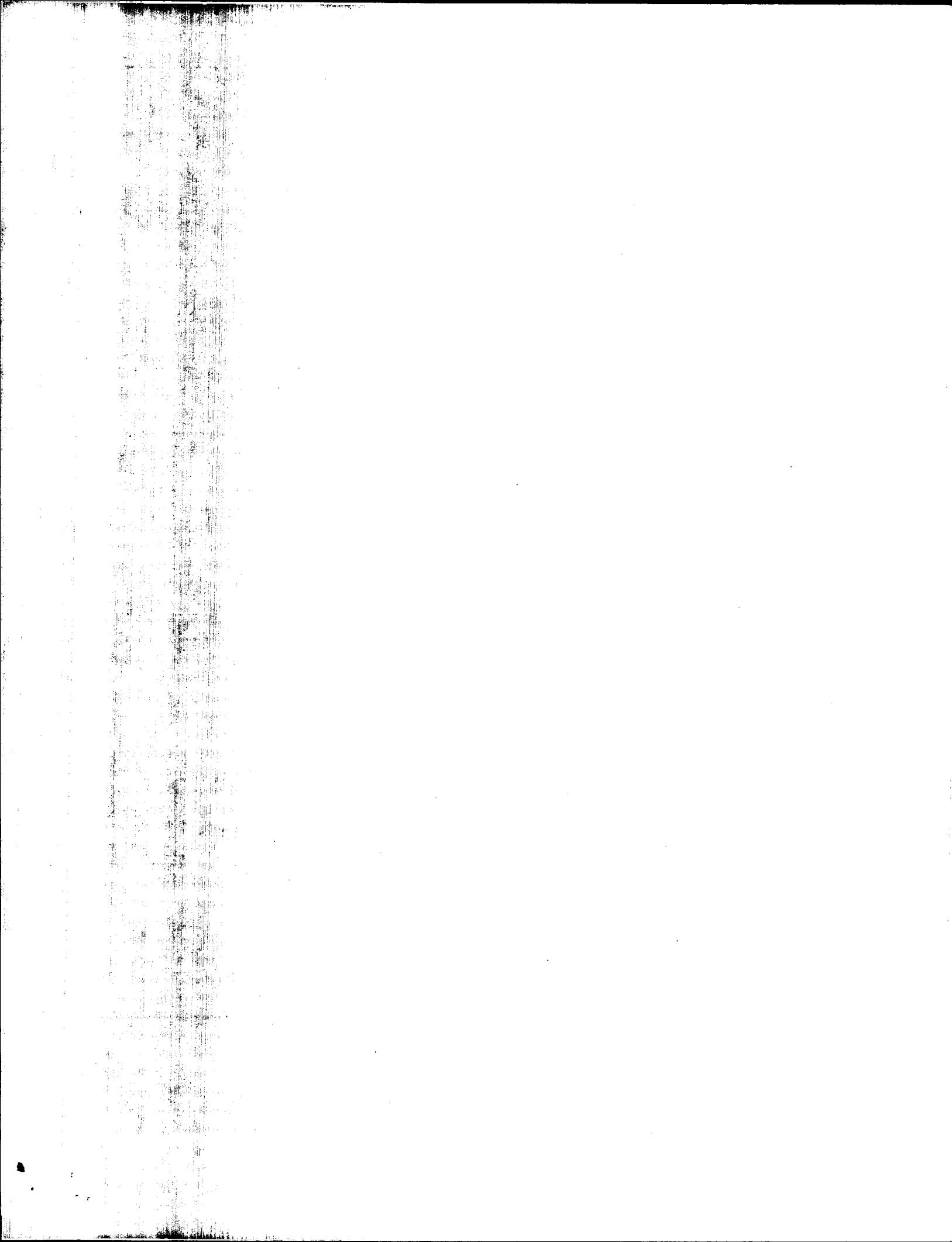


D3215-041 BELT ASSEMBLY

1) MATERIAL: WEBBING = LAGRAN CANADA INC. 26472
(2" WIDE x 0.060" THICK BLACK POLYESTER WEBBING, CERTIFIED
TO FAR 29.853A3, TENSILE STRENGTH 5700 lb MIN)
THREAD = VT 295 TYPE II CLASS A SIZE 3, BLACK NYLON THREAD
LABEL = TYVEK

2) ALL DIMENSIONS ARE IN INCHES

3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.





1 COPY ISSUED

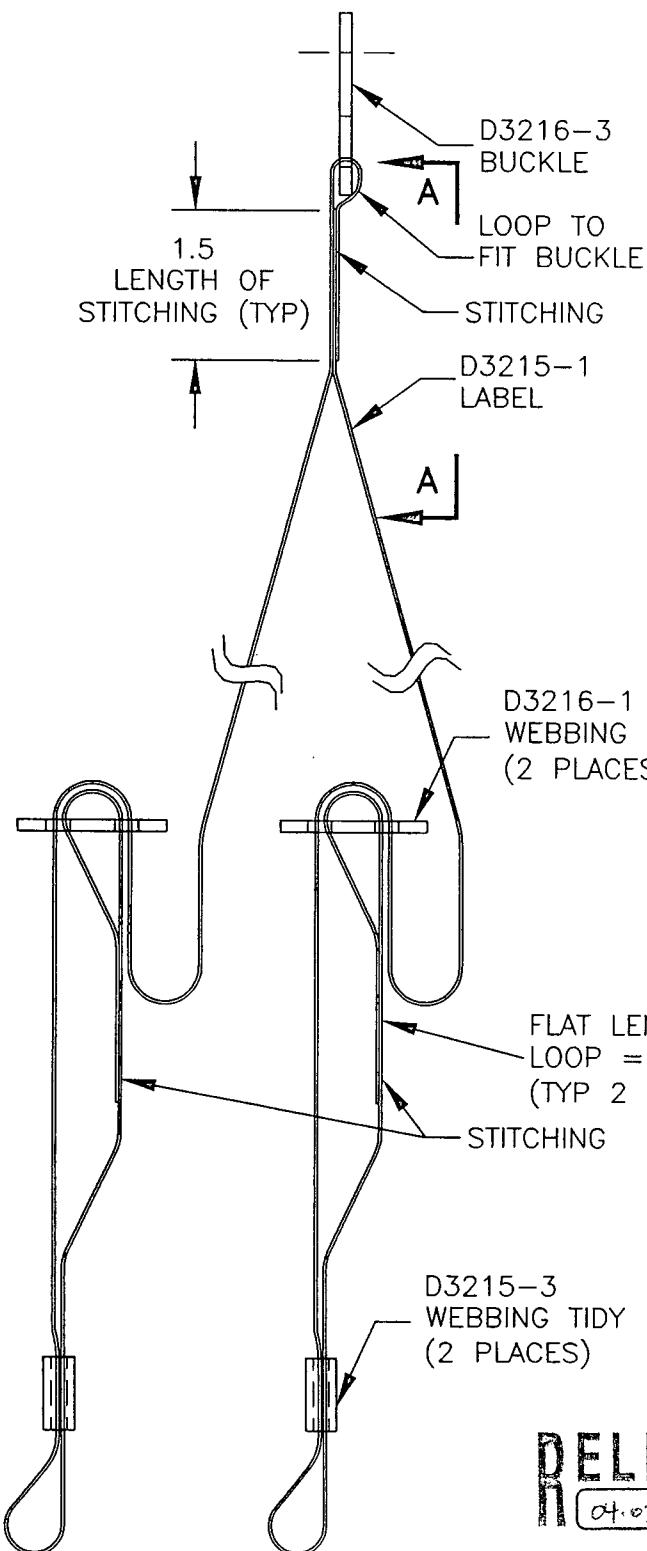
DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D3215
DATE	04.03.05	TITLE BELT ASSEMBLY

REV. C

SHEET 2 OF 3

SCALE

NTS



D3215-043 BELT ASSEMBLY

1) MATERIAL: WEBBING = LAGRAN CANADA INC. 26472
(2" WIDE x 0.060" THICK
BLACK POLYESTER WEBBING,
CERTIFIED TO FAR 29.853A3,
TENSILE STRENGTH 5700 lb MIN)
THREAD = VT 295 TYPE II CLASS A SIZE 3,
BLACK NYLON THREAD
LABEL = TYVEK

2) ALL DIMENSIONS ARE IN INCHES
3) TOLERANCES ARE PER DART QSI 018 UNLESS
OTHERWISE NOTED.
RETURN TO
ENGINEERING

UNCONTROLLED COPY

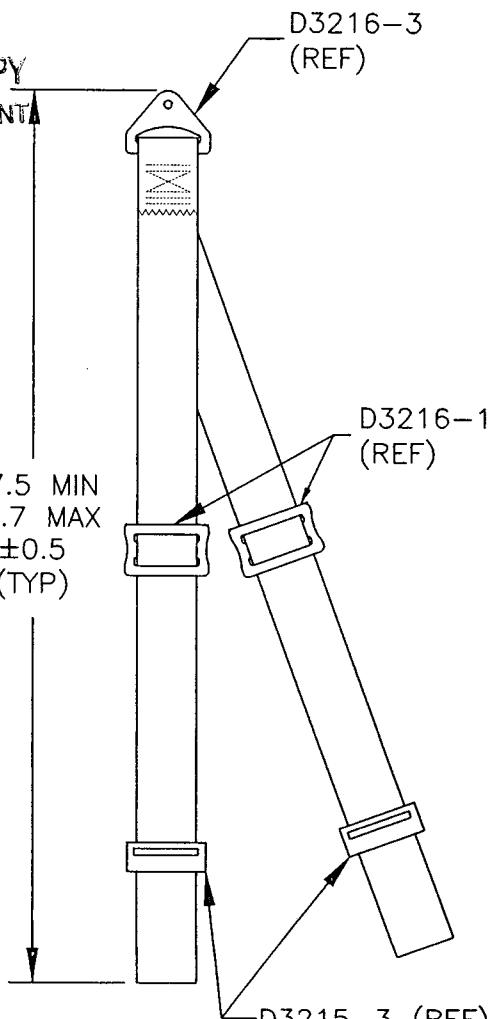
SUBJECT TO AMENDMENT
WITHOUT NOTICE

WORK ORDER

NO. 23930

C

27.5 MIN
45.7 MAX
 ± 0.5
(TYP)

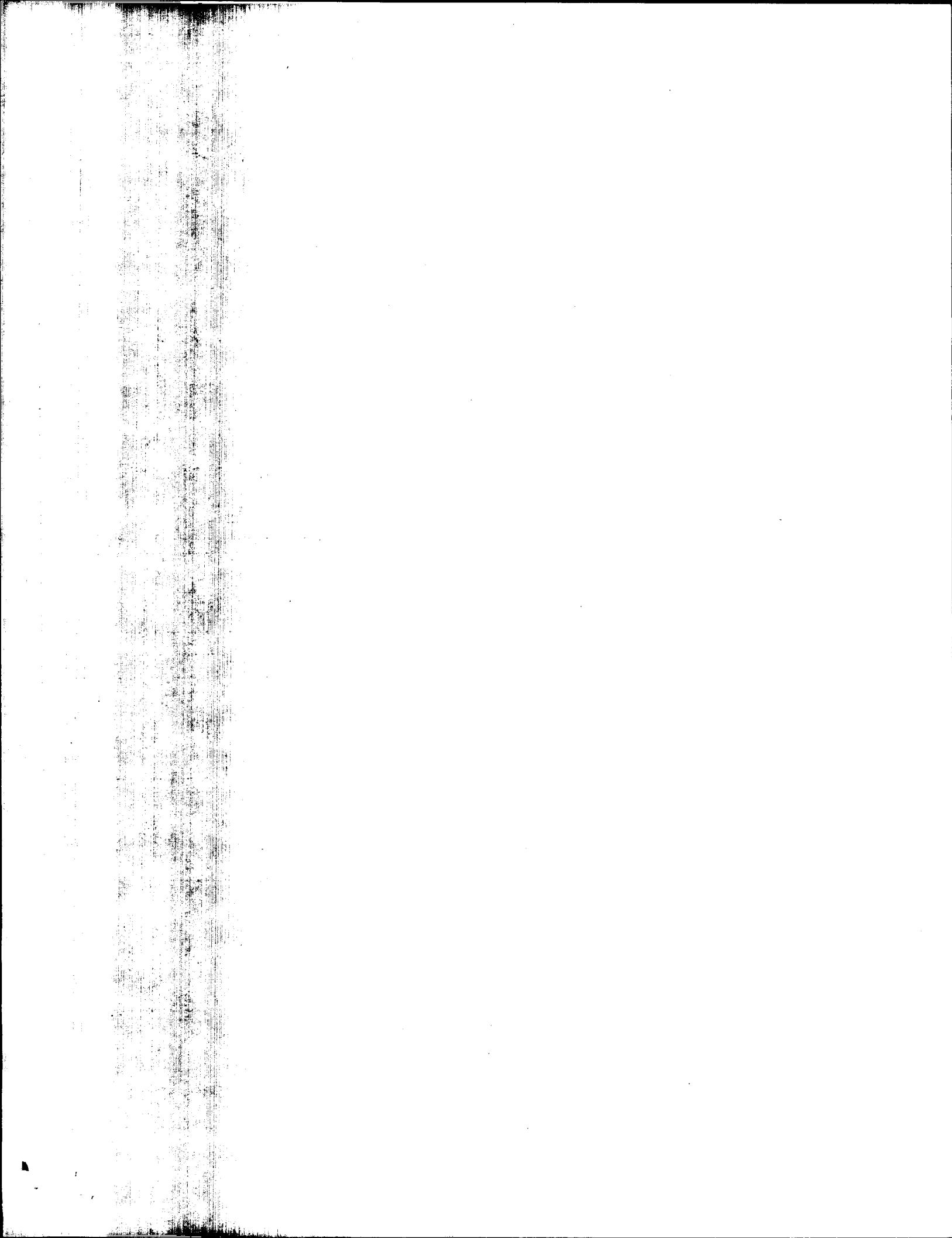


RELEASED
04.03.05

ASSEMBLY DETAIL
NOT TO SCALE

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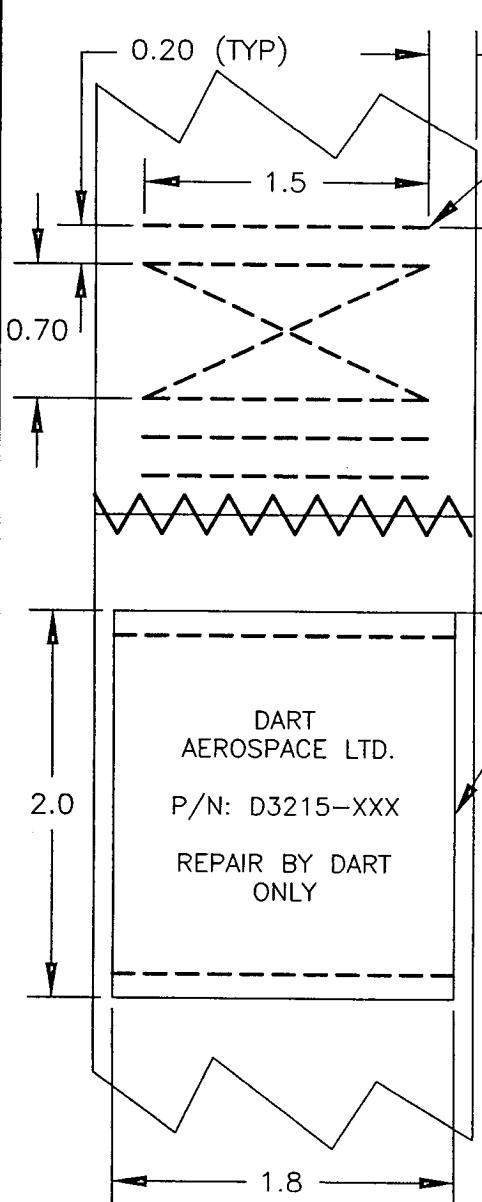




DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECKED	APPROVED	DRAWING NO. D3215
DATE		REV. C SHEET 3 OF 3
04.03.05		SCALE 1:1 TITLE HARNESS ASSEMBLY

VIEW A-A

XXX = 041 FOR D3215-041
 XXX = 043 FOR D3215-043



TYPICAL STITCHING PATTERN
 (D6193 TYPE 301, 7-10 STITCHES PER IN.
 USE 1/2" MIN. BACKSTITCH, NO LOOSE THREADS)

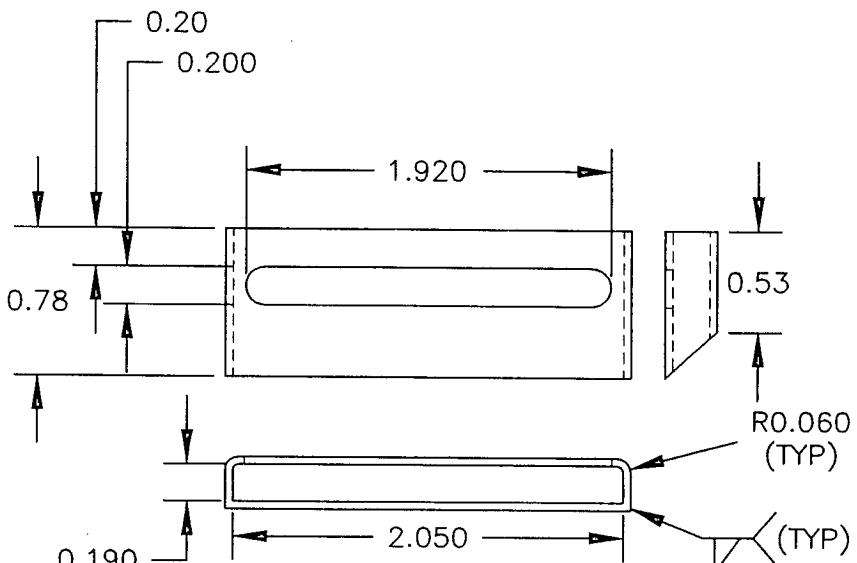
TO
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 WITHOUT NOTICE

WORK ORDER

23930



D3215-1 LABEL
 USE 1/8" BLACK LETTERING
 (INSTALLED ON ONE END ONLY,
 CENTER ON BELT)



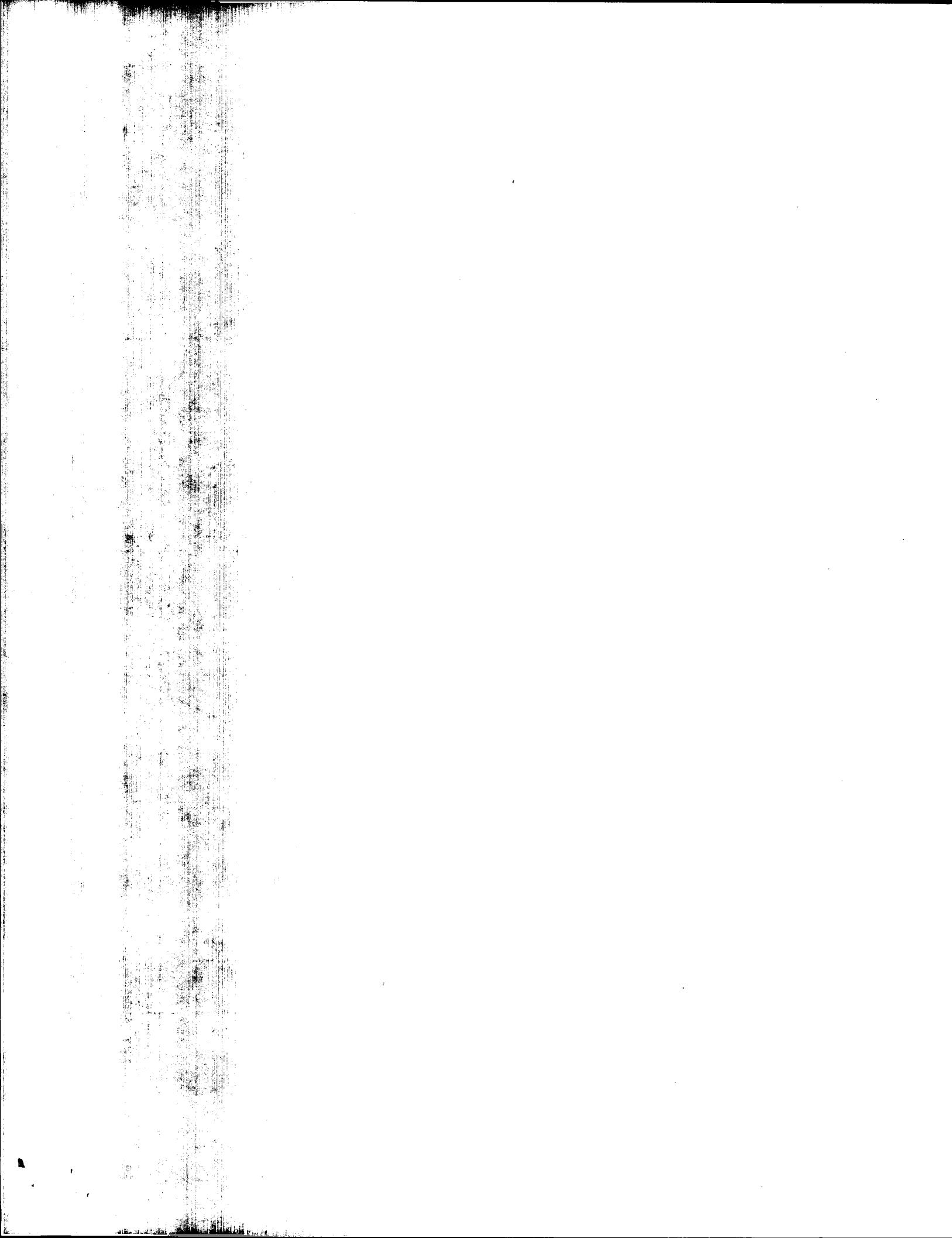
D3215-3 WEBBING TIDY

- 1) MATERIAL: 5052-H32 ALUMINUM SHEET, 0.040" THICK
(REF DART SPEC. M5052H32S.040)
- 2) WELD PER DART QSI 004
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) FINISH: POWDER COAT BLACK SANTEX (4.3.5.7) PER
DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE
NOTED

RELEASED
 04.03.05

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Job Costing Report

Dart Aerospace Ltd.
Hawkesbury

Aug 02, 2005
01:38 pm

Work Order No : 0023930
Project Name : D3215-043
Project For : WK535
Work Order Type : Main
Main WO Number :
House Part Number : D3215-043
Description : Harness Assembly
Manufactured : Yes
Amount Req'd : 810
Amount Done : 0
Start Date : 08-02-05
Est Finish Date : 08-31-05
Act Finish Date :
Drawings Reqd : No
Ok for Approval :
Approval Rec'd :
Department Code:
Burden Flags : NNNNNNNN
WO Status : Open
Invoice State : Not Invoiced
Invoice Date :
Invoice Number :
Invoice Amount : 0.00
Order Entry No :
OE Value : 0.00
Est Margin : 0.000%
Actual Margin : 0.000%
\$0 Posted to Finished Goods

	Estimated	Actual	Var. %	Posted	To Post
Material Cost	0.00	0.00	0.00	0.00	0.00
Engineering Hours	0.00	0.00	0.00	0.00	0.00
Engineering Cost	0.00	0.00	0.00	0.00	0.00
Production Hours	0.00	0.00	0.00	0.00	0.00
Production Cost	0.00	0.00	0.00	0.00	0.00
Packaging Hours	0.00	0.00	0.00	0.00	0.00
Packaging Cost	0.00	0.00	0.00	0.00	0.00
OverHead Hours	0.00	0.00	0.00	0.00	0.00
OverHead Cost	0.00	0.00	0.00	0.00	0.00
CNC Hours	0.00	0.00	0.00	0.00	0.00
CNC	0.00	0.00	0.00	0.00	0.00
Misc. Hours	0.00	0.00	0.00	0.00	0.00
Misc.	0.00	0.00	0.00	0.00	0.00
Burden	0.00	0.00	0.00	0.00	0.00
Total Cost	0.00	0.00	0.00	0.00	0.00
Margin	0.000	0.000			
Selling Cost	0.00	0.00			

	Estimated	Actual
Labour Hrs/Amount Done	0.00	0.00
Profits/(Loss)	0.00	0.00

PACKING SLIP

TULMAR

Tulmar Safety Systems Inc.

1123 Cameron Street
 Hawkesbury, ON K6A 2B8 CA
 Tel: 613-632-1282
 Fax: 613-632-2030
 www.tulmar.com
 email: info@tulmar.com

Packing Slip No.

19660

Ship Date

18-Aug-05

Bill No:

Dart Aerospace
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7. Canada

Ship To:

Dart Aerospace
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager	Release Note No.
15819	5-Aug-05	CDART100	BARNEY_BANGS	R92- 19660
PO number		Ship Via	PPD/COL	
2008416		Pick-Up		
Item No.	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
Description				

3937 36 EA 36

Belt Ass'y.,/2" wide, Black Webbing

Drawing No: D3215-041

P/N .D3215-041

Revision C

Lot No: BATCH0000000011 Qty: 36

8938 10 EA 10

Belt Ass'y.,/2" wide, black Webbing

Drawing No: D3215-043

P/N .D3215-043

Revision C

Lot No: BATCH0000000008 Qty: 10

5385 12 EA 12

Label Dart, Black letters/Size 3"x 1/2", P/N D3242-1.

Drawing No: D3242

P/N .D3242-1

Revision B

Lot No: BATCH0000000005 Qty: 12

John M. Meier

RELEASE NOTE

ULMAR

Tulmar Safety Systems Inc.

1123 Cameron Street
Hawkesbury, ON K6A 2B8 CA
Tel: 613-632-1282
Fax: 613-632-2030
www.tulmar.com
email: info@tulmar.com

Release Note No.**R92-19660****Ship Date**

18-Aug-05

Bill No:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

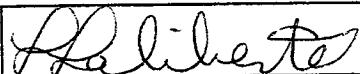
Ship To:

Dart Aerospace
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7. Canada

Order number	Sales order date	Account number	Account manager	
15819	5-Aug-05	CDART100	BARNEY_BANGS	
PO number	Ship Via	Packing Slip No.		
2008416	Pick-Up	19660		
Item No:	Quantity ordered	UOM	Qty Shipped/Returned	Quantity on back order
8937	36	EA	36	
Belt Ass'y, /2" wide, Black Webbing Drawing No: D3215-041 P/N .D3215-041 Revision C				
Lot No: BATCH0000000011 Qty: 36				
8938	10	EA	10	
Belt Ass'y, /2" wide, black Webbing Drawing No: D3215-043 P/N .D3215-043 Revision C				
Lot No: BATCH0000000008 Qty: 10				
5385	12	EA	12	
Label Dart, Black letters/Size 3"x 1/2", P/N D3242-1. Drawing No: D3242 P/N .D3242-1 Revision B				
Lot No: BATCH0000000005 Qty: 12				

If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

This release note is a Certificate of Conformance and I hereby certify that the items listed hereon have been inspected, tested and conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this release note is on file, and can be made available upon request.



Authorized Inspector

18-Aug-05

Date